



HAZARDOUS-MATERIALS PUMPS

IN EX 7-3 D-S

Aggressive liquids

POWERFUL
RUGGED
HIGHLY RELIABLE



KEY DATA

Max. flow rate	400 l/min
Power P ₁ /P ₂	1,0 / 0,78 kw
Overall weigh	50 kg
Dimensions (L x W x H)	20 x 34 x 58 cm
Coupling	DN 50 DIN 11 851

01 FIELD OF APPLICATION

In potentially explosive areas of zones 1 and 2 for aggressive liquids within the resistance limits of the materials used.

Ambient temperature	-20 °C ≤ TFM ≤ +60 °C
Liquid temperature	-20 °C ≤ TFM ≤ +40 °C
Liquid density (max.)	≤ 1,1 kg/dm ³
Immersion depth (max.)	≤ 6 m

02 FEATURES

03 TECHNICAL DATA

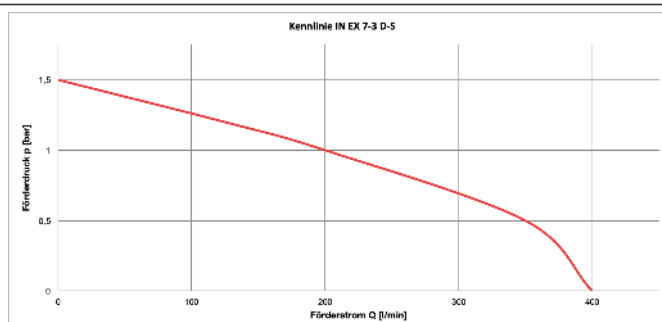
Motor	3~ 400 V three-phase · 50 Hz
Power P ₁ /P ₂	1,0 / 0,78 kW
Rated Current	2,2 A
Rotational Speed	2,850 rpm
Overall weight	50 kg complete
Dimensions	L 20 x B 34 x H 58 cm
Connection size:	G 1 1/2"
Coupling	DN 50 DIN 11 851
Maximum solids size	Ø 10 mm
Power supply Cable	NSS H0EU-J 4X2,5 (8 m)
Connection type	EN CEE 16 A 4-pole EEx

04 MATERIALS

Pump housing	Stainless steel 1.4408 (V4A)
Diffuser	Stainless steel 1.4408 (V4A)
Impeller	Stainless steel 1.4408 (V4A)
Screws	stainless steel A2
Seals	Fluoro rubber FKM (Vitron)
Shaft seal	Dual hard carbon / ceramic

05 MAXIMUM FLOW RATE

Q l/min	pressure (p)
400	0
350	0,5
200	1
125	1,2
0	1,5



Q MAX.
400
l/min

Maximum solids size
Ø 10
mm

Q [l/min] at pressure [p], valid for a density of 1 kg/dm³ and a kinematic viscosity of 1 mm²/s.
Capacity and efficiency guaranteed according to DIN 1944, accuracy grade III.

